

## **Session Program**

**27-29 May 2020**

# **Workshop on Spatial Organisation of Convection, Clouds and Precipitation**

***Poster Session + Refreshments***

Niels Bohr Institute, Copenhagen University, Auditorium A  
Blegdamsvej 17 2100 Copenhagen Denmark

# Thursday 28 May

16:45

## Poster Session + Refreshments

Session | Location: Niels Bohr Inst., Room Hb1, Blegdamsvej 17, 2100 Copenhagen

16:45-18:30

### Essentially Lagrangian simulation of clouds using the Moist Parcel-In-Cell (MPIC) model

**Speaker**

Steven Boeing

16:45-18:30

### Self-Aggregation from Cold Pool Interaction and Global Energy Constraints

**Speaker**

Jan Haerter

16:45-18:30

### Objective classification of cloud organisation with unsupervised neural networks

**Speaker**

Leif Denby

16:45-18:30

### Signals of convective aggregation in the Pacific warm pool regions

**Speaker**

Adrian Tompkins

16:45-18:30

### Hysteresis in self-organized mesoscale convective systems driven by diurnal temperature oscillations

**Speaker**

Gorm Gruner Jensen

16:45-18:30

### Do shallow cumulus clouds and convective plumes share the same statistics?

**Speaker**

Philipp Griewank

16:45-18:30

### Convective clustering in idealized models

**Speaker**

Biagioli Giovanni

16:45-18:30

### Criticality in Tropical Rainfall: A Simple Water Budget Model

**Speaker**

Mikkel Svendsen

16:45-18:30

### Statistical methods to quantify and visualise the complex behaviour of clouds in the climate system

**Speaker**

Rachel Sansom

16:45-18:30

**A dynamical systems approach to optimizing irrigation strategy under the influence of land-atmosphere feedbacks.**

**Speaker**

Bettina Meyer

16:45-18:30

**Surface moisture exchange and its influence of self-aggregation in RCEMIP simulations.**

**Speaker**

Chiel Van Heerwaarden

16:45-18:30

**Precipitation and organization of shallow convection during EUREC4A**

**Speaker**

Jule Radtke

16:45-18:30

**Characterizing cold pool interactions over land with observational data from the Netherlands**

**Speaker**

Irene Livia Kruse

18:30